

Location of Ponds Surveyed

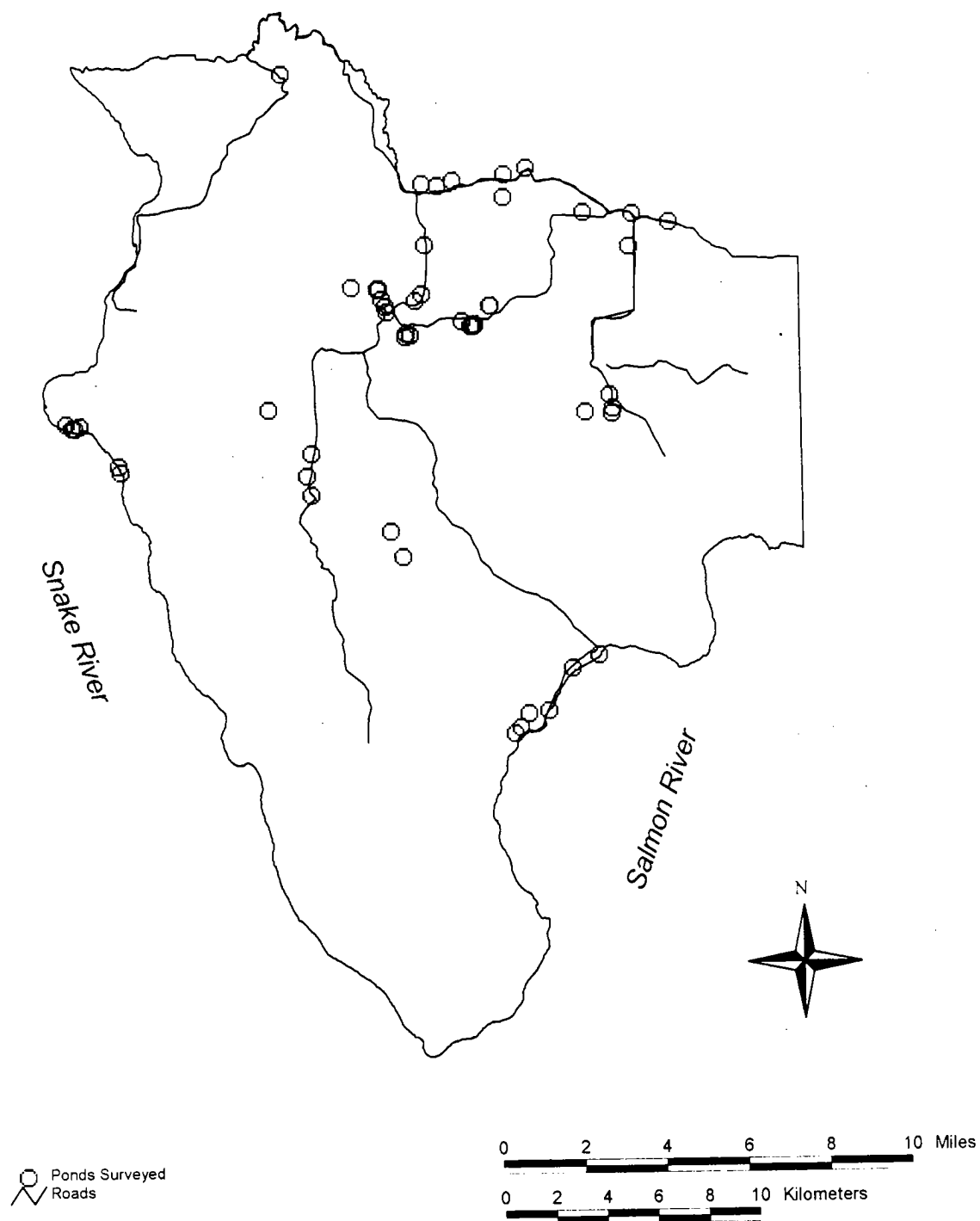


Figure 35. Location of all ponds surveyed during the 1994 and 1995 field seasons.

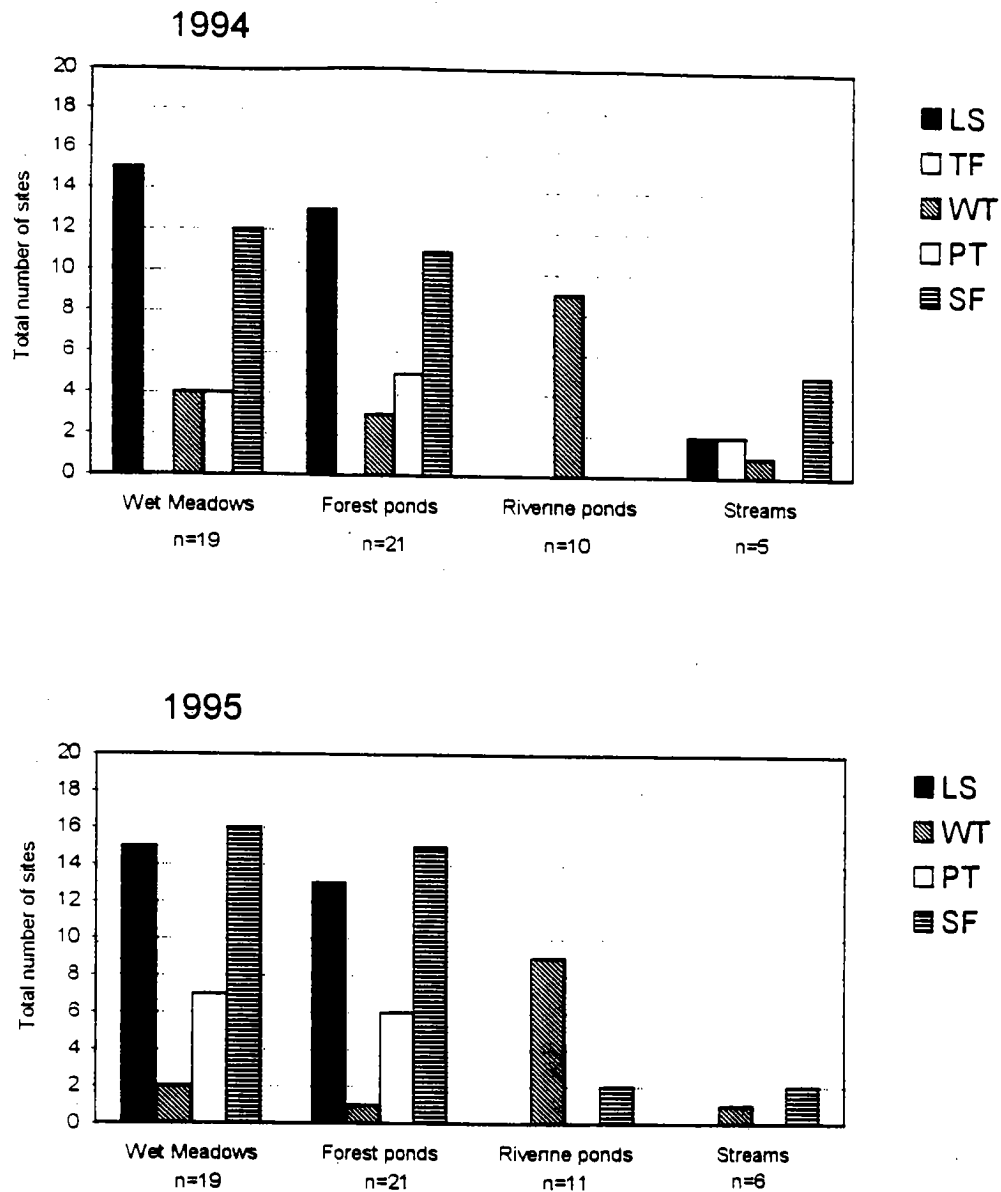


Figure 36. All of the surveyed ponds and wetlands were broken up into three categories depending on the habitat characteristics. Included are the streams surveyed. The bars represent the total number of sites a species was observed. All SF observations in streams were only non-breeding adults.

LS = Long-toed Salamander
 TF = Tailed Frog
 WT = Western Toad

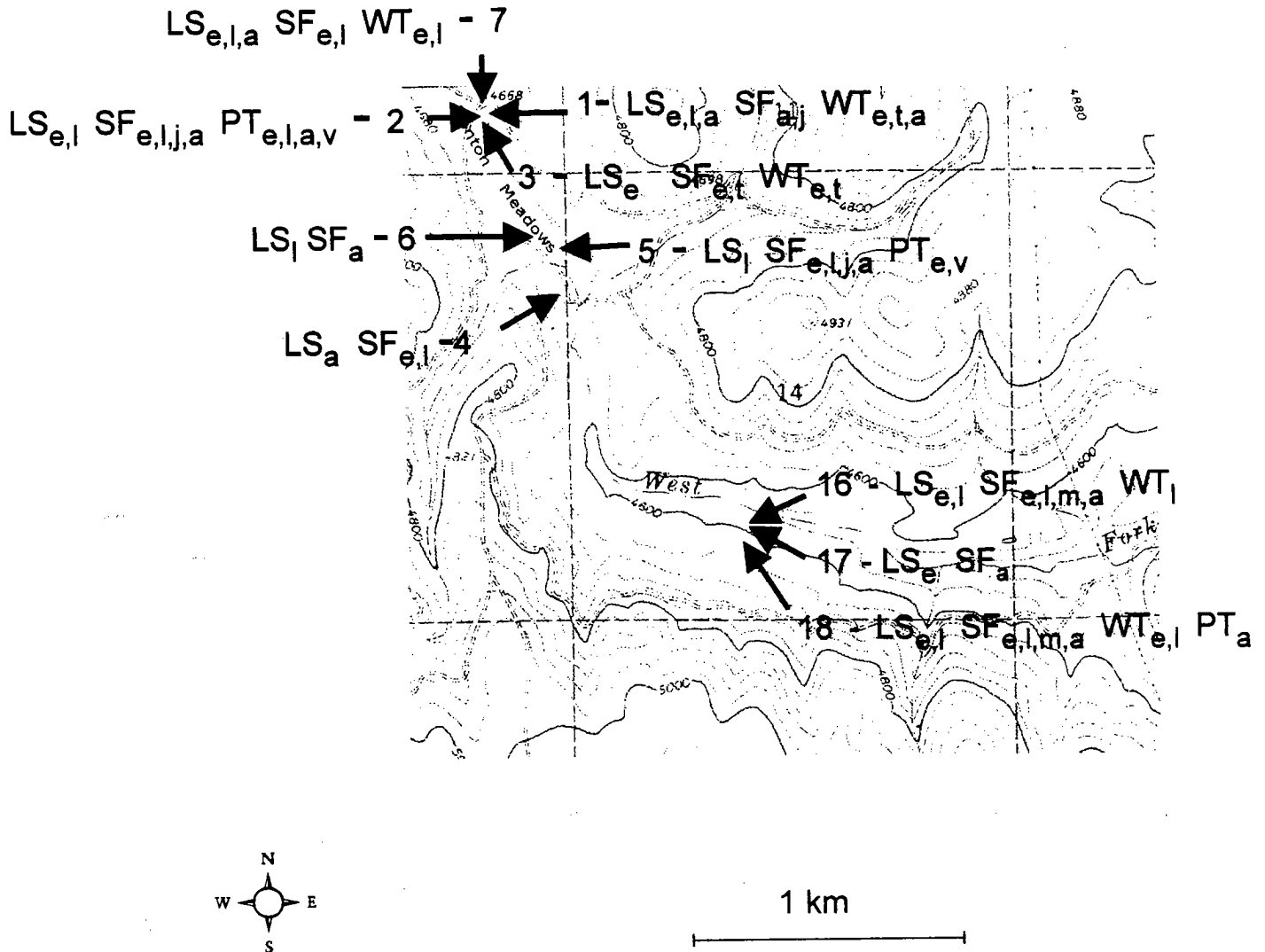
PT = Pacific Treefrog
 SF = Spotted Frog

Site descriptions, Benton Meadows and West Larabee Meadows, Figure 37

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
1	Benton Meadows Large pond	IDFG	man-made	permanent pond	SF, LS, WT PT, TG	Steep banks, no shallows. Good tadpole dispersal area from connecting ponds
2	Benton Meadows Small pond	IDFG	human-influenced	temporary pond	SF, LS, PT	Fills in with veg. by early summer. Observed several adult treefrogs in 1995.
3	Benton Meadows Channel pond	IDFG	human-influenced	temporary pond	SF, LS, WT	Dries up by late spring. Shallow mud bottom.
4	Benton Meadows By the gate pond	IDFG	human-influenced	temporary pond	SF, LS	
5	Benton Meadows By the trailer pond	IDFG	human-influenced	temporary pond	SF, LS, PT	Offshoot from Deer Ck. in a wet carex meadow
6	Benton Meadows By the fence pond	IDFG	human-influenced	permanent pond	SF, LS	Water level constant all summer; part of the meadow
7	Benton Meadows Across the road pond	IDFG	human-influenced	temporary pond	SF, LS, WT	
16	W. Larabee Meadows Spring pond	private	man-made	permanent pond	SF, LS, WT	This pond is 50 ft. downhill from the Upper pond. Outlet is Deer Ck.
17	W. Larabee Meadows Road Ditch pond	private	human-influenced	temporary pond	LS	
18	W. Larabee Meadows Upper Pond	private	man-made	permanent pond	SF, LS, PT WT	Pond was formed when a dam was built below a natural spring. Fish could be present.

Frye Point, Idaho

Benton and W. Larabee Meadows



LS = Long-toed Salamander
 WT = Western (Boreal) Toad
 PT = Pacific Treefrog
 SF = Spotted Frog
 TG = Western Terrestrial Garter Snake
 CG = Common Garter Snake

a = adult(s)
 c = calling
 e = eggs
 l = larvae or tadpoles
 m = metamorphs (amphibian)
 j = juveniles

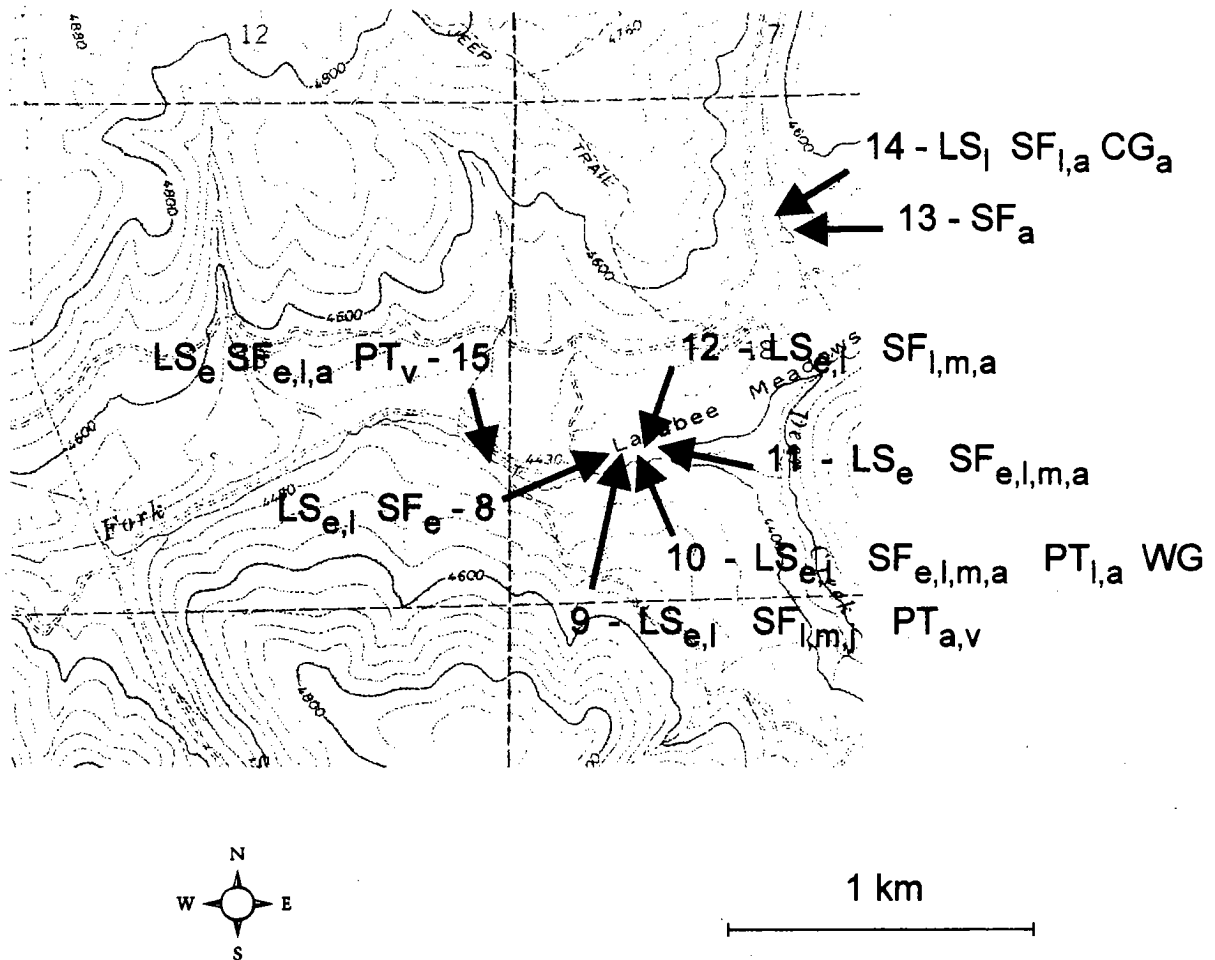
Figure 37. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Waha Quadrangle, 7.5 minute series (Topographic) 1968 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Benton and East Larabee Meadows, Figure 38

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
8	E. Larabee Meadows Small Pond	Nez Perce Tribe	human-influenced	temporary pond	SF, LS	Pond dries up early. Larvae do not survive to metamorph.
9	E. Larabee Meadows Pinecone pond	Nez Perce Tribe	human-influenced	temporary pond	SF, LS, PT	Ponds 8-12 and 15, are a series that connect to Deer Ck.
10	E. Larabee Meadows Thumb pond	Nez Perce Tribe	human-influenced	temporary pond	SF, LS, PT CG, WG	
11	E. Larabee Meadows Road ditch pond	IDFG	human-influenced	temporary pond	SF, LS	
12	E. Larabee Meadows Elbow pond	IDFG	human-influenced	temporary pond	SF, LS	
13	Larabee Dam	IDFG	man-made	permanent pond		Fish present, many crayfish. Only 1-adult SF observed in 1994
14	E. Larabee Meadows Dam 1 pond	IDFG	natural	temporary pond	SF, LS CG, WG	A pond within the <i>Carex</i> meadow that feeds Larabee Dam.
15	E. Larabee Meadows Pond by cabin	IDFG	human-influenced	temporary pond	SF, LS, PT	

Frye Point, Idaho

East Larabee Meadows



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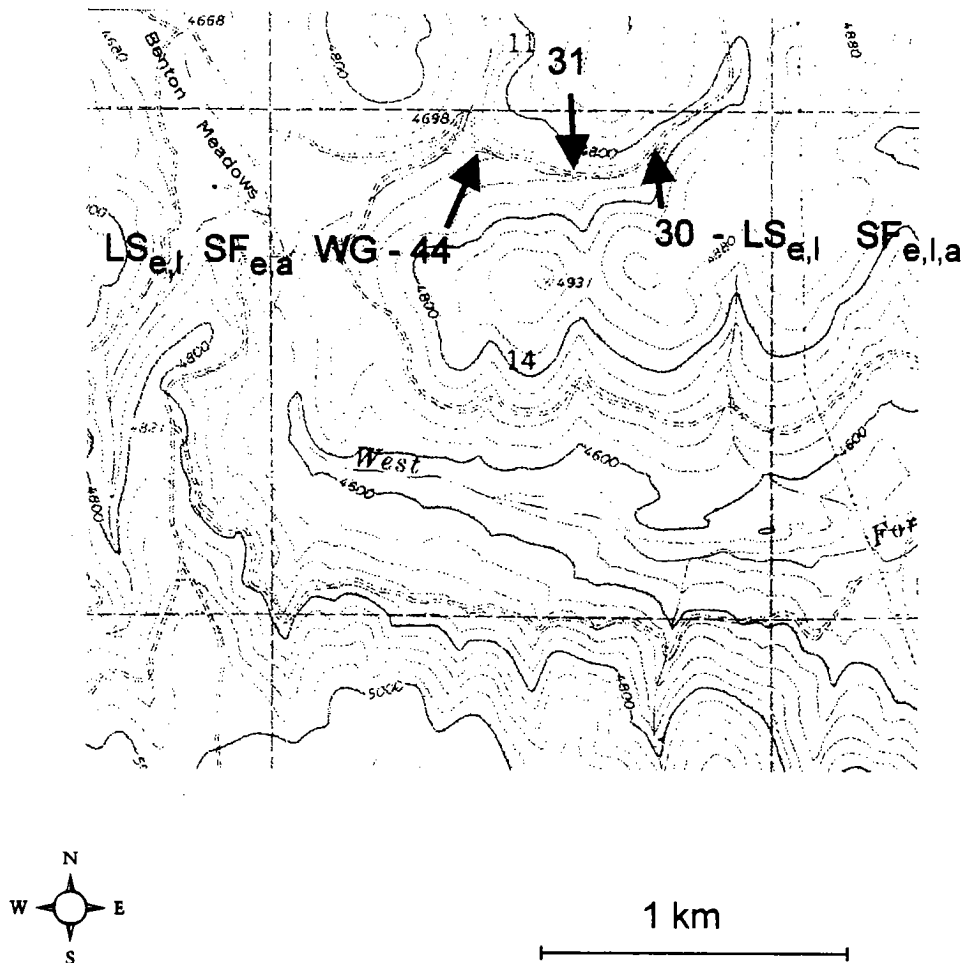
Figure 38. Location of ponds and the amphibians and reptiles found from 1994 and 1995 surveys. The map was scanned from the Frye Point Quadrangle, 7.5 minute series (Topographic) 1986 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Frye Point, Road 540 vicinity map, Figure 38a

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
30	Orgy pond	private	human-influenced	semi-perm. pond	SF, LS	Pond is part of a stream that runs parallel to the 540 Rd. Roads intersecting this water create ponds.
31	Road 540 pond	private	human-influenced	temporary pond		2-LS eggs in 1994. 1-adult SF
44	Moose pond	private	human-influenced	permanent pond	SF, LS WG	Many crayfish. Mud bottom. this pond is part of the same hydrological complex as pond #30.

Frye Point, Idaho

Road 540 Ponds



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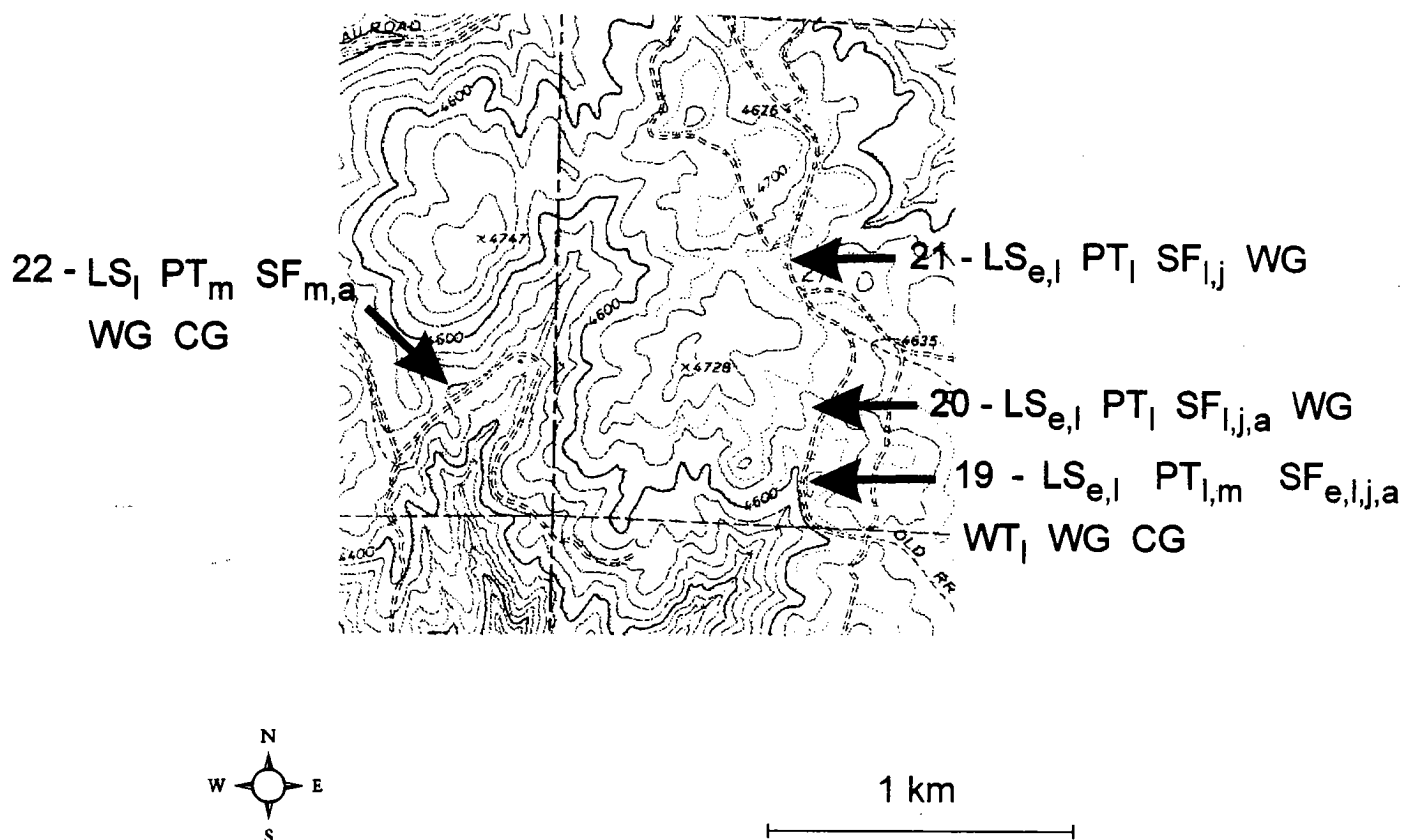
Figure 38a. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Frye Point Quadrangle, 7.5 minute series (Topographic) 1986 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Hoover Point, Lewis County vicinity map, Figure 39

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
19	South Section 27 pond	Nez Perce Tribe	human-influenced	permanent	SF, LS, PT, WT, CG, WG	2-pr. Redwing blackbirds and 1-pr. ducks nesting; BUBO found in 1995. Cows present.
20	Middle Section 27 pond	Nez Perce Tribe	human-influenced	temporary	SF, LS, PT WG	Cows present.
21	North Section 27 pond	Nez Perce Tribe	human-influenced	temporary	SF, LS, PT	Large, fairly shallow pond. Fills in with <i>Juncus</i> by late summer
22	New Pond- Lewis County	Nez Perce Tribe	human-influenced	temporary	SF, LS, PT, CG, WG	A productive pond in an open forest habitat. Cows present.

Hoover Point, Idaho

Lewis County



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WT = Western (Boreal) Toad

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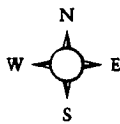
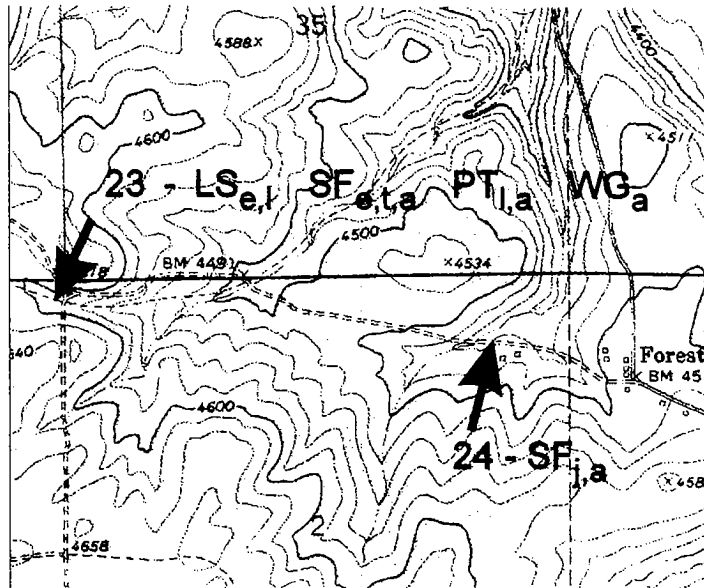
Figure 39. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Hoover Point Quadrangle, 7.5 minute series (Topographic) 1967 map. Capital letters indicate species. Small case letters indicate life stage.

Site descriptions, East of Soldiers Meadow vicinity, Figure 40

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
23	At the "Y" pond	private	human-influenced	permanent	SF, LS, PT WG	Small <i>Carex</i> meadow surrounds most of the pond. Water level recedes little during summer.
24	Forest pond	private	human-influenced	permanent	LS	Pond built around 1991. Rocky substrate. Fairly constant water level.

Winchester West, Idaho

SE Section



1 km

LS = Long-toed Salamander

WT = Western (Boreal) Toad

PT = Pacific Treefrog

SF = Spotted Frog

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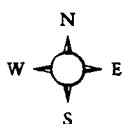
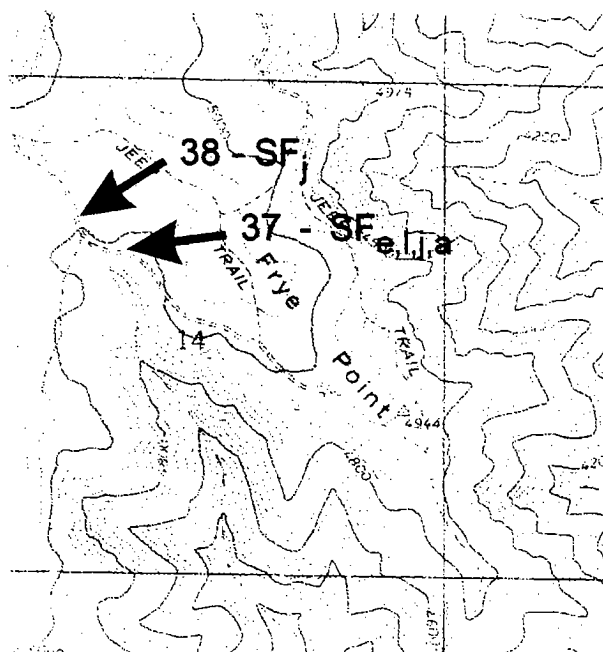
Figure 40. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Winchester West Quadrangle, 7.5 minute series (Topographic) 1968 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Zaza vicinity map, Figure 41

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
27	Robert's Spring pond	IDFG	man-made	permanent pond	SF, LS, PT, WG	Attracts many SF in late summer. 1- LS larvae found overwintering in 1995. An important breeding area for amphibians
28	Headwaters of Eagle Creek	IDFG	natural	small stream	LS	A small stream that drains into Eagle Creek. LS breeding behind logs, out of the current. Water temp. in that area was 4 C degrees higher.
29	Culvert Pond	IDFG	human-influenced	temporary pond	SF, LS, PT	Pond evaporates by mid-summer, but it depends amt. of precipitation. Pond is formed by a small drainage into Eagle Creek.

Frye Point, Idaho

Frye Point



1 km

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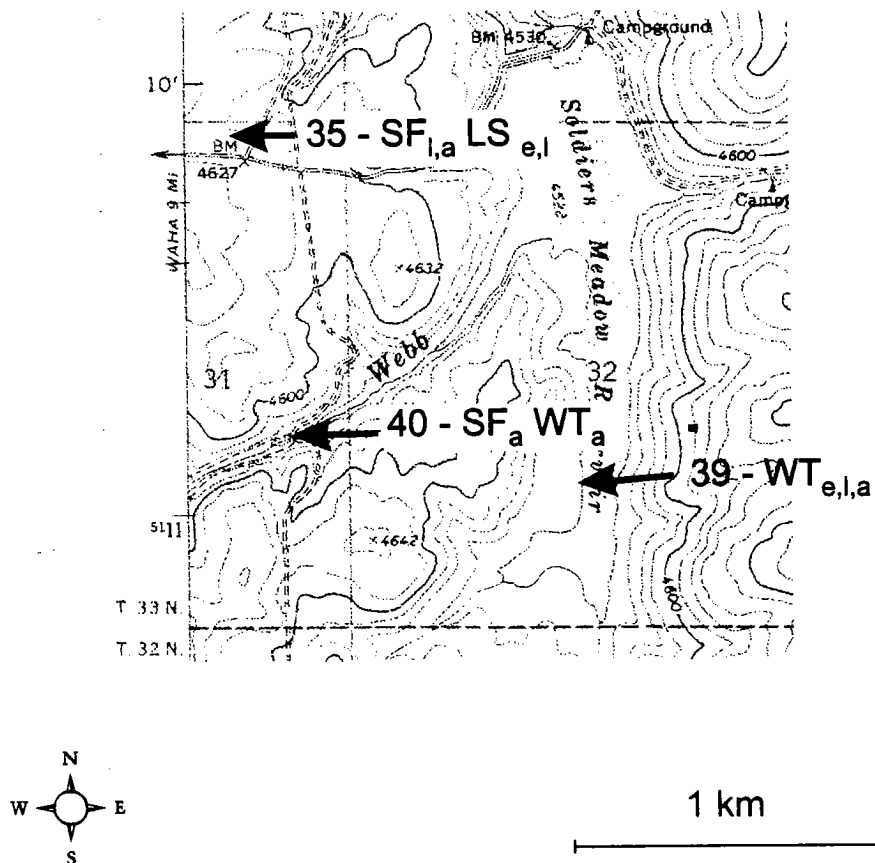
Figure 45. Location of ponds and the amphibians and reptiles found from 1994 and 1995 surveys. The map was scanned from the Frye Point Quadrangle, 7.5 minute series (Topographic) 1968 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Soldiers Meadows vicinity map, Figure 46

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
35	Cattleguard pond	private	human-influenced	permanent pond	SF, LS	Pond keeps water until late summer. Marshy wetlands surround 1/3 of perimeter. Pond has potential for improvement. Hundreds of SF tadpoles were present.
39	Soldiers Meadow Reservoir	private	man-made	permanent pond	WT	Thousands of WT along west shore. Submergent vegetation provides some protection. Fish present.
40	Webb Creek pool	IDFG	human-influenced	permanent pond		

Winchester West, Idaho

Soldiers Meadow



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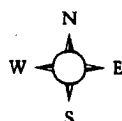
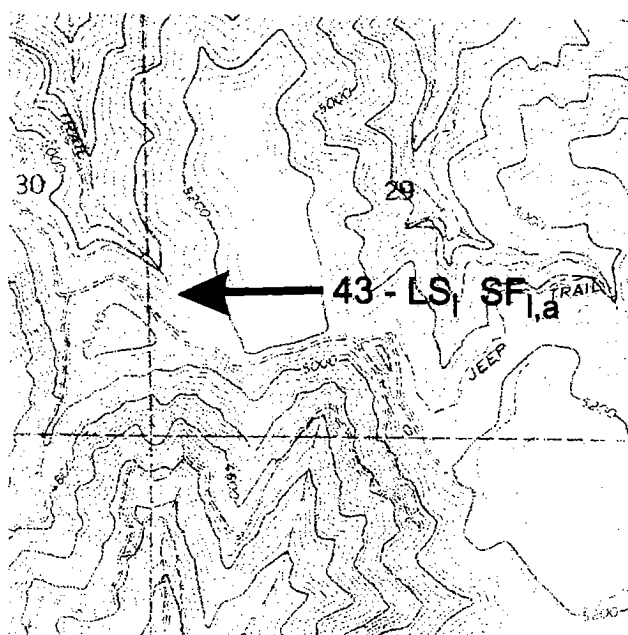
Figure 46. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Winchester West Quadrangle, 7.5 minute series (Topographic) 1986 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, NW of Madden Corrals vicinity map, Figure 47

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
43	S. Fork Captain John pond	IDFG	human-influenced	permanent pond	SF, LS	Small pond next to a marshy area created by a natural spring. Area is grazed by cattle.

Frye Point, Idaho

NW of Madden Corrals



1 km

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Figure 47. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Frye Point Quadrangle, 7.5 minute series (Topographic) 1986 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

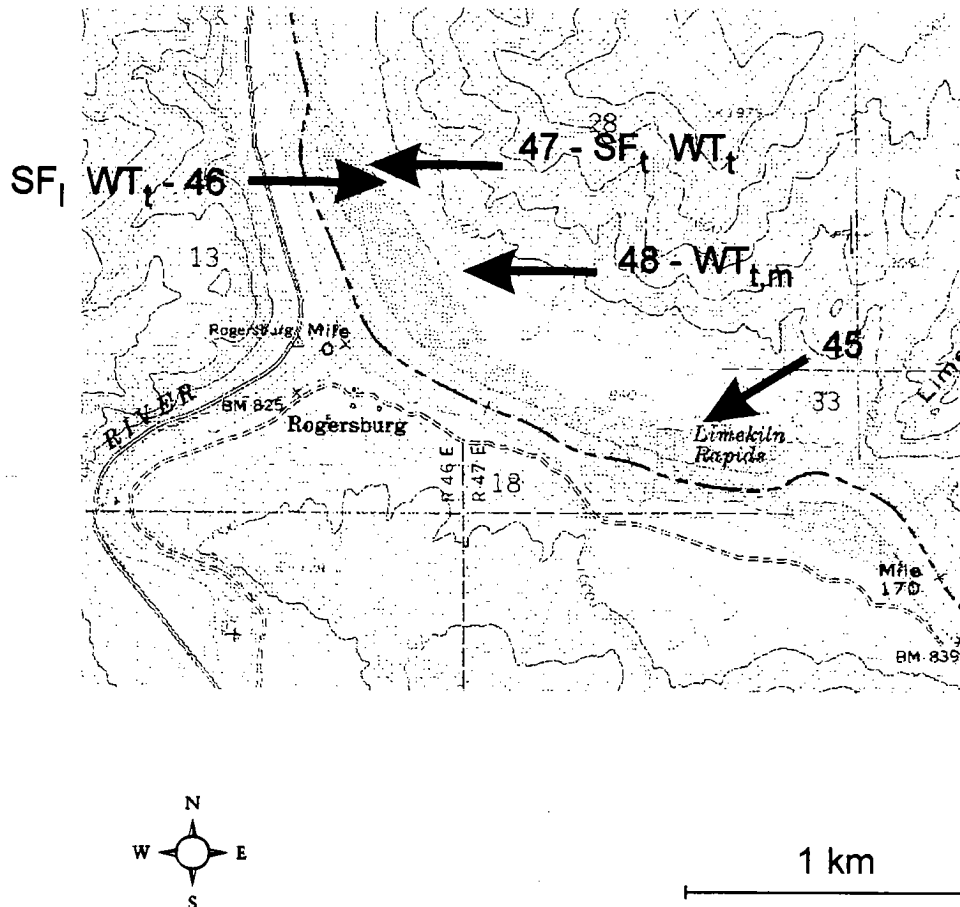
Site descriptions, Snake River - Limekiln Rapids vicinity map, Figure 48

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
45	Limekiln Rapids-Riparian pond	IDFG	natural	temporary pond	SF, WT	Pond fairly deep with emergent vegetation, woody debris and overhang of a hackberry tree.
46	Limekiln Rapids-Lg. Limekiln pond	IDFG	natural	temporary pond		Pond perimeter is columnar basalt rock. No emergent veg. or protected shallows.
47	Limekiln Rapids-Channel pond	IDFG	natural	temporary pond	SF, WT	1995 sighting of SF tadpoles.
48	Limekin Rapids-Carp pond	IDFG	natural	temporary pond	WT	Pond only present in 1994. the channel changes seasonally

All of these ponds are formed after the Snake River recedes. Carp adults and/or babies, and large-mouth bass can be present before the pond's access to the river is cut off..

Limekiln Rapids, Idaho-Wash.

Limekiln Rapids



LS = Long-toed Salamander
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 PT = Pacific Treefrog
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Figure 48. Location of ponds and the amphibians and reptiles found from the 1994 and 1995 surveys. The map was scanned from the Limekiln Rapids Quadrangle, 7.5 minute series (Topographic) 1968 map. Capital letters indicate species. Small case letters indicate life stage. See legend above.

Site descriptions, Snake River - Chimney and Dough Creek vicinity map, Figure 49

Site No.	Wetland Name	Owner	Origin	Type	Species Breeding	Remarks
49	South Schilling pond	private	natural	temporary pond	WT	The size of these two ponds varies as water levels vary from the dams. Two breeding pulses of WT occurred in 1995
50	North Schilling pond	private	natural	temporary pond	WT	This pond is connected to the above pond small willow trees are the emergent vegetation that toads lay their eggs on.

All Snake River ponds are formed when the river recedes during the summer.